

02/27/14 Agenda

- Warm Up
- Retake Information
 - Remediation Packet is on my web site
 - It's due by March 3rd (next Monday)
 - Complete it, Reflection Sheet, & Missing Homework
 - You have 1 week after submitting it to take your retest
- Review Homework
 - Worksheet 7.2-7.3 Review
- **QUIZ 7.2-7.3**
- Homework - Enjoy the 3 day weekend!

Warm Up - Homework out!



Put your name on a slip of paper.

Simplify:

$$((2b^4c^3)^4 \cdot 2b^4c^3)^2$$

$$(2^4b^{16}c^{12} \cdot 2b^4c^3)^2$$

$$2^8b^{32}c^{24} \cdot 2^2b^8c^6$$

$$2^{8+2}b^{32+8}c^{24+6}$$

$$2^{10}b^{40}c^{30}$$

$$xz^2 \cdot -2x^4y^2z^4 \cdot (xy^3z^3)^4$$

$$x^1z^2 \cdot -2x^4y^2z^4 \cdot x^4y^{12}z^{12}$$

$$-2x^{1+4+4}z^{2+4+12}y^{2+12}$$

$$-2x^9z^{18}y^{14}$$

$$X^2 \cdot X^5 = X^?$$

$$X \cdot X \cdot X \cdot X \cdot X \cdot X \cdot X = X^7$$

$$X^4 \cdot X^? = X^9$$

Sections 7.2 - 7.3 Review

Targets 7A & 7B

February 27, 2014

Summary of Rules ... so far:

Multiplying Powers With the Same Base:

$$a^m \cdot a^n = a^{m+n} \quad \text{Add the exponents}$$

Raising a Power to a Power:

$$(a^m)^n = a^{m \cdot n} \quad \text{Multiply the exponents}$$

Raising a Product to a Power:

$$(ab)^m = a^m \cdot b^m \quad \text{Raise each factor to the power and multiply.}$$